

IN THE CLAIMS

This listing of the claims will replace all prior versions and listings of claims in the present application.

Listing of Claims

Claims 94-99 (canceled).

100. (currently amended) A wireless device system in accordance with claim 95~~266~~ wherein:

the system deletes information from the originated information; and ~~contained in the electronic mail which~~

the deleted information is not transmitted by the RF information transmission network~~wireless system~~.

101. (currently amended) A wireless device system in accordance with claim 100 wherein:

a processor in the system deletes the information from the originated information contained in the electronic mail.

102. (currently amended) A wireless device system in accordance with claim 101 wherein:

the deleted information is a header.

Claims 103-107 (canceled).

108. (currently amended) A wireless device system in accordance with claim ~~95-266~~ wherein:

the ~~one gateway switch~~ processor coupled to the communication system and to the wireless system, after reception of the originated information contained in the electronic mail, adds additional information which is transmitted to the RF information transmission network wireless system and at least the originated information contained in the electronic mail and the identification number of the at least one RF receiver wireless device are transmitted by the RF information transmission network wireless system to the at least one RF receiver wireless device.

109. (currently amended) A wireless device system in accordance with claim 108 wherein:

the added information includes data packets which contain the originated information in the electronic mail.

110. (currently amended) A wireless device system in accordance with claim ~~268-96~~ wherein:

the ~~one gateway switch~~ processor coupled to the communication system and to the wireless system, after reception of the originated information contained in the electronic mail, adds additional information which is transmitted to the RF information transmission network wireless system and at least the originated information contained in the electronic mail and the address of the at least one of the plurality of destination processors identification of the at least one wireless device are transmitted by the RF

information transmission network ~~wireless system~~ to the at least one RF receiver ~~wireless device~~.

111. (currently amended) A wireless device ~~system~~ in accordance with claim 110 wherein:

the added information includes data packets which contain the originated ~~information in the electronic mail~~.

Claims 112-117 (canceled).

118. (currently amended) A wireless device ~~system~~ in accordance with claim 270 ~~400~~ wherein:

the one gateway switch ~~processor coupled to the communication system and to the wireless system~~, after reception of the originated ~~information contained in the electronic mail~~, adds additional information which is transmitted to the RF information transmission network ~~wireless system~~ and at least the originated ~~information contained in the electronic mail~~ and the identification number ~~of the at least one RF receiver wireless device~~ are transmitted by the RF information transmission network ~~wireless system~~ to the at least one RF receiver ~~wireless device~~.

119. (currently amended) A wireless device ~~system~~ in accordance with claim 118 wherein:

the added information includes data packets which contain the originated ~~information in the electronic mail~~.

120. (currently amended) A wireless device system in accordance with claim ~~272~~ 101 wherein:

the one gateway switch ~~processor coupled to the communication system and to the wireless system~~, after reception of the originated information ~~contained in the electronic mail~~, adds additional information which is transmitted to the RF information transmission network ~~wireless system~~ and at least the originated information contained in the ~~electronic mail~~ and the address of the at least one of the plurality of destination processors ~~identification of the at least one wireless device~~ are transmitted by the RF information transmission network ~~wireless system~~ to the at least one RF receiver ~~wireless device~~.

121. (currently amended) A wireless device system in accordance with claim 120 wherein:

the added information includes data packets which contain the originated information ~~in the electronic mail~~.

122. (currently amended) A computer program system in accordance with claim ~~274~~ 102 wherein:

the one gateway switch ~~processor coupled to the communication system and to the wireless system~~, after reception of the originated information ~~contained in the electronic mail~~, adds additional information which is transmitted to the RF information transmission network ~~wireless system~~ and at least the originated information and the address of the at least one of the

plurality of destination processors contained in the ~~electronic mail~~ and the identification of the ~~at least one wireless device~~ are transmitted by the RF information transmission network ~~wireless system~~ to the at least one RF receiver ~~wireless device~~.

123. (currently amended) A computer program system ~~in accordance~~ with claim 122 wherein:

the added information includes data packets which contain the originated ~~information in the electronic mail~~.

124. (currently amended) A computer program system ~~in accordance~~ with claim ~~276~~¹⁰³ wherein:

the one gateway switch ~~processor coupled to the communication system and to the wireless system~~, after reception of the originated ~~information contained in the electronic mail~~, adds additional information which is transmitted to the RF information transmission network ~~wireless system~~ and at least the originated ~~information contained in the electronic mail~~ and the address of the at least one of the plurality of destination processors ~~identification of the at least one wireless device~~ are transmitted by the RF information transmission network ~~wireless system~~ to the at least one RF receiver ~~wireless device~~.

125. A computer program system ~~in accordance~~ with claim 124 wherein:

the added information includes data packets which contain the
originated information in the electronic mail.

Claims 126-159 (canceled).

160. (currently amended) A wireless device system in accordance
with claim 266~~96~~ wherein:

a check is performed by a processor in the system to determine if the
originated information in the electronic mail should be transmitted by the RF
information transmission network~~wireless system~~.

Claims 161-163 (canceled).

164. (currently amended) A wireless device system in accordance
with claim 268~~100~~ wherein:

a check is performed by a processor in the system to determine if the
originated information in the electronic mail should be transmitted by the RF
information transmission network~~wireless system~~.

165. (currently amended) A wireless device system in accordance
with claim 270~~101~~ wherein:

a check is performed by a processor in the system to determine if the
originated information in the electronic mail should be transmitted by the RF
information transmission network~~wireless system~~.

166. A wireless device system in accordance with claim 272~~102~~ wherein:

a check is performed by a processor in the system to determine if the originated information in the electronic mail should be transmitted by the RF information transmission network~~wireless system~~.

167. (currently amended) A computer program system in accordance with claim 274~~103~~ wherein:

a check is performed by a processor in the system to determine if the originated information in the electronic mail should be transmitted by the RF information transmission network~~wireless system~~.

168. (currently amended) A computer program system in accordance with claim 276~~104~~ wherein:

a check is performed by a processor in the system to determine if the originated information in the electronic mail should be transmitted by the RF information transmission network~~wireless system~~.

Claims 169-233 (canceled).

Claim 234 (canceled).

235. (currently amended) A computer program in accordance with claim 274~~234~~, wherein:

a processor in the system deletes information from the originated information~~electronic mail~~; and

wherein the deleted information is not transmitted to said RF information transmission network~~wireless system~~.

Claim 236 (canceled).

237. (currently amended) A computer program in accordance with claim 274~~234~~, wherein:

the address of the at least one of the plurality of destination processors to receive the originated information ~~said identification~~ is a number serving as a mobile identification (ID) of the at least one RF receiver~~wireless device~~.

238. (currently amended) A computer program in accordance with claim 237, wherein:

~~said an~~ identification of the an intended recipient included in the originated information ~~electronic mail~~ is converted to said mobile ID.

Claims 239-265 (canceled).

266. (new) A wireless device for use in a system for transmitting originated information from one of a plurality of originating processors in an electronic mail system to at least one of a plurality of destination processors in the electronic mail system, said system including at least one gateway switch in the electronic mail system, one of the at least one gateway switch receiving

the originated information and storing the originated information prior to transmission of the originated information to the at least one of the plurality of destination processors, a RF information transmission network for transmitting the originated information to at least one RF receiver which transfers the originated information to the at least one of the plurality of destination processors, and at least one interface switch, one of the at least one interface switch connecting at least one of the at least one gateway switch to the RF information transmission network and transmitting the originated information received from the gateway switch to the RF information transmission network, wherein the originated information is transmitted to the one interface switch by the one gateway switch in response to an address of the one interface switch added to the originated information at the one of the plurality of originating processors or by the electronic mail system and the originated information is transmitted from the one interface switch to the RF information transmission network with an address of the at least one of the plurality of destination processors to receive the originated information added at the originating processor, or by either the electronic mail system or the one interface switch, the electronic mail system transmits other originated information from one of the plurality of originating processors in the electronic mail system to at least one of the plurality of destination processors in the electronic mail system through a wireline without transmission using the RF information transmission network, and the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver receiving the originated information and transferring the originated information to the at least one of the plurality of destination processors and is added to

the originated information by the one gateway switch, said wireless device comprising:

- one of the plurality of destination processors; and

- one of the at least one RF receiver which is connected to the one of the plurality of destination processors, wherein:

- the one of the plurality of destination processors receives the originated information from the one of the at least one RF receiver which receives the originated information from the RF information transmission network;

- the wireless device executes programming to process the originated information; and

- the wireless device transmits and receives information to and from the RF information transmission network.

267. (new) The wireless device according to claim 266, wherein the programming executed by the wireless device is electronic mail programming for processing the originated information as electronic mail.

268. (new) A wireless device for use in a system for transmitting originated information from one of a plurality of originating processors in an electronic mail system to at least one of a plurality of destination processors in the electronic mail system, said system including at least one gateway switch in the electronic mail system, one of the at least one gateway switch receiving the originated information and storing the originated information prior to transmission of the originated information to the at least one of the plurality of destination processors, a RF information transmission network for transmitting

the originated information to at least one RF receiver which transfers the originated information to the at least one of the plurality of destination processors, at least one interface switch, one of the at least one interface switch connecting at least one of the at least one gateway switch to the RF information transmission network and transmitting the originated information received from the gateway switch to the RF information transmission network, and wherein the originated information is transmitted to the one interface switch by the one gateway switch in response to an address of the one interface switch added to the originated information at the one of the plurality of originating processors or by the electronic mail system and the originated information is transmitted from the one interface switch to the RF information transmission network with an address of the at least one of the plurality of destination processors to receive the originated information added at the originating processor, or by either the electronic mail system or the one interface switch, the electronic mail system transmits other originated information from one of the plurality of originating processors in the electronic mail system to at least one of the plurality of destination processors in the electronic mail system through a wireline without transmission using the RF information transmission network, and the address of the one interface switch and the address of the at least one of the plurality of destination processors to receive the originated information is added by the one gateway switch, said wireless device comprising:

- one of the plurality of destination processors; and

- one of the at least one RF receiver which is connected to the one of the plurality of destination processors, wherein:

the one of the plurality of destination processors receives the originated information from the one of the at least one RF receiver which receives the originated information from the RF information transmission network;

the wireless device executes programming to process the originated information; and

the wireless device transmits and receives information to and from the RF information transmission network.

269. (new) The wireless device according to claim 268, wherein the programming executed by the wireless device is electronic mail programming for processing the originated information as electronic mail.

270. (new) A wireless device for use in a system for transmitting originated information from one of a plurality of originating processors in an electronic mail system to at least one of a plurality of destination processors in the electronic mail system, said system including at least one gateway switch in the electronic mail system, one of the at least one gateway switch receiving the originated information and storing the originated information prior to transmission of the originated information to the at least one of the plurality of destination processors, a RF information transmission network for transmitting the originated information to at least one RF receiver which transfers the originated information to the at least one of the plurality of destination processors, and at least one interface switch, one of the at least one interface switch connecting at least one of the at least one gateway switch to the RF information transmission network and transmitting the originated information

received from the gateway switch to the RF information transmission network, wherein the originated information is transmitted to the one interface switch by the one gateway switch in response to an address of the one interface switch added to the originated information at the one of the plurality of originating processors or by the electronic mail system and the originated information is transmitted from the one interface switch to the RF information transmission network with an address of the at least one of the plurality of destination processors to receive the originated information added at the originating processor, or by either the electronic mail system or the one interface switch, the electronic mail system transmits other originated information from one of the plurality of originating processors in the electronic mail system to at least one of the plurality of destination processors in the electronic mail system through a wireline without transmission using the RF information transmission network, and the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver receiving the originated information and transferring the originated information to the at least one of the plurality of destination processors and is added to the originated information by the one gateway switch, said wireless device comprising:

- one of the plurality of originating processors; and

- a RF receiver which is connected to the one of the plurality of

originating processors, wherein:

- the one of the plurality of originating processors transfers the originated information to the RF receiver which transmits the originated information to the RF information transmission network which transfers the originated

information to the one gateway switch in the electronic mail system via the one interface switch;

the wireless device executes programming to originate the originated information; and

the wireless device transmits and receives information to and from the RF information transmission network.

271. (new) The wireless device according to claim 270, wherein the programming executed by the wireless device is electronic mail programming for originating the originated information as electronic mail.

272. (new) A wireless device for use in a system for transmitting originated information from one of a plurality of originating processors in an electronic mail system to at least one of a plurality of destination processors in the electronic mail system, said system including at least one gateway switch in the electronic mail system, one of the at least one gateway switch receiving the originated information and storing the originated information prior to transmission of the originated information to the at least one of the plurality of destination processors, a RF information transmission network for transmitting the originated information to at least one RF receiver which transfers the originated information to the at least one of the plurality of destination processors, at least one interface switch, one of the at least one interface switch connecting at least one of the at least one gateway switch to the RF information transmission network and transmitting the originated information received from the gateway switch to the RF information transmission network,

and wherein the originated information is transmitted to the one interface switch by the one gateway switch in response to an address of the one interface switch added to the originated information at the one of the plurality of originating processors or by the electronic mail system and the originated information is transmitted from the one interface switch to the RF information transmission network with an address of the at least one of the plurality of destination processors to receive the originated information added at the originating processor, or by either the electronic mail system or the one interface switch, the electronic mail system transmits other originated information from one of the plurality of originating processors in the electronic mail system to at least one of the plurality of destination processors in the electronic mail system through a wireline without transmission using the RF information transmission network, and the address of the one interface switch and the address of the at least one of the plurality of destination processors to receive the originated information is added by the one gateway switch, said wireless device comprising:

- one of the plurality of originating processors; and

- a RF receiver which is connected to the one of the plurality of originating processors, wherein:

- the one of the plurality of originating processors transfers the originated information to the RF receiver which transmits the originated information to the RF information transmission network which transfers the originated information to the one gateway switch in the electronic mail system via the one interface switch;

the wireless device executes programming to originate the originated information; and

the wireless device transmits and receives information to and from the RF information transmission network.

273. (new) The wireless device according to claim 272, wherein the programming executed by the wireless device is electronic mail programming for originating the originated information as electronic mail.

274. (new) A computer program stored on a storage medium for execution by a processor for transmitting originated information from one of a plurality of originating processors in an electronic mail system to at least one of a plurality of destination processors in the electronic mail system, said computer program when executed causes said processor, included in the electronic mail system, to perform the steps of:

receiving the originated information originating from the one of the plurality of originating processors by a gateway switch within the electronic mail system;

transmitting the originated information from the gateway switch to an interface switch;

wherein said interface switch transmits the originated information received from the gateway switch to a RF information transmission network which transmits the originated information to at least one RF receiver which transfers the originated information to the at least one of the plurality of destination processors; and

transmitting other originated information with the electronic mail system from one of the plurality of originating processors in the electronic mail system to at least one of the plurality of destination processors in the electronic mail system through a wireline without transmission using the RF information transmission network; and

wherein:

the originated information is transmitted to the interface switch by the gateway switch in response to an address of the interface switch which has been added to the originated information at the one of the plurality of originating processors or by the electronic mail system and the originated information is transmitted from the interface switch to the RF information transmission network with an address of the at least one of the plurality of destination processors to receive the originated information which has been added at the originating processor or by either the electronic mail system or the interface switch; and

the address of the interface switch and the address of the at least one of the plurality of destination processors to receive the originated information is added by the gateway switch.

275. (new) A computer program according to claim 274, wherein said processor is included in said gateway switch.

276. (new) A computer program stored on a storage medium for execution by a processor for transmitting originated information from one of a plurality of originating processors in an electronic mail system to at least one

of a plurality of destination processors in the electronic mail system, said computer program when executed causes said processor, included in the electronic mail system, to perform the steps of:

transmitting the originated information originating from the one of the plurality of originating processors from the electronic mail system to an interface switch;

wherein said interface switch transmits the originated information received from the electronic mail system to a RF information transmission network which transmits the originated information by using the RF information transmission network to at least one RF receiver which transfers the originated information to the at least one of the plurality of destination processors; and

transmitting other originated information with the electronic mail system from one of the plurality of originating processors in the electronic mail system to at least one of the plurality of destination processors in the electronic mail system through a wireline without transmission using the RF information transmission network; and

wherein:

the originated information is transmitted to the one interface switch by the electronic mail system in response to an address of the interface switch added to the originated information at the one of the plurality of originating processors or by the electronic mail system and the originated information is transmitted from the interface switch to the RF information transmission network with an address of the at least one of the plurality of destination

processors to receive the originated information added at the originating processor or by either the electronic mail system or the interface switch; and the address of the interface switch and the address of the at least one of the plurality of destination processors to receive the originated information is added by a gateway switch in the electronic mail system.

277. (new) A wireless device in accordance with claim 268 wherein: the system deletes information from the originated information; and the deleted information is not transmitted by the RF information transmission network.

278. (new) A wireless device in accordance with claim 277 wherein: a processor in the system deletes the information from the originated information contained in the electronic mail.

279. (new) A wireless device in accordance with claim 278 wherein: the deleted information is a header.

280. (new) A wireless device in accordance with claim 270 wherein: the system deletes information from the originated information; and the deleted information is not transmitted by the RF information transmission network.

281. (new) A wireless device in accordance with claim 280 wherein:

a processor in the system deletes the information from the originated information contained in the electronic mail.

282. (new) A wireless device in accordance with claim 281 wherein:
the deleted information is a header.

283. (new) A wireless device in accordance with claim 272 wherein:
the system deletes information from the originated information; and
the deleted information is not transmitted by the RF information transmission network.

284. (new) A wireless device in accordance with claim 283 wherein:
a processor in the system deletes the information from the originated information contained in the electronic mail.

285. (new) A wireless device in accordance with claim 284 wherein:
the deleted information is a header.

286. (new) A computer program in accordance with claim 274
wherein:
the system deletes information from the originated information; and
the deleted information is not transmitted by the RF information transmission network.

287. (new) A computer program in accordance with claim 286

wherein:

a processor in the system deletes the information from the originated information contained in the electronic mail.

288. (new) A computer program in accordance with claim 287

wherein:

the deleted information is a header.

289. (new) A computer program in accordance with claim 276

wherein:

the system deletes information from the originated information; and

the deleted information is not transmitted by the RF information transmission network.

290. (new) A computer program in accordance with claim 289

wherein:

a processor in the system deletes the information from the originated information contained in the electronic mail.

291. (new) A computer program in accordance with claim 290

wherein:

the deleted information is a header.

292. (new) A system for transmitting originated information from one of a plurality of originating processors contained in an electronic mail system to at least one RF receiver with the originated information originating from one of the plurality of originating processors and being transmitted by an RF information transmission network to the at least one RF receiver and for transmitting other originated information originating from one of the originating processors with the electronic mail system without using the RF information transmission network to at least one of a plurality of destination processors comprising:

at least one interface, one of the at least one interface connecting the electronic mail system containing the plurality of originating processors to the RF information transmission network; and wherein

the originated information is transmitted in association with an address of the one interface from the one of the plurality of originating processors to the one interface with the electronic mail system responding to the address of the one interface to direct the originated information from the one of the plurality of originating processors to the one interface; and

the originated information is transmitted from the one of the at least one interface to the RF information transmission network with an address of the at least one RF receiver to receive the originated information being associated with the originated information before transmission of the originated information to the at least one RF receiver;

said system further comprising:

a communication system, including said electronic mail system, which transmits electronic mail including the originated information inputted to said

electronic mail system and further other information from a first processor included in said communication system, wherein:

said further other information being information other than electronic mail;

said first processor included in said communication system sends said further other information to one of said destination processors using the RF information transmission network,

wherein said further information is transmitted to the one of said destination processors via the at least one interface.

293. (new) A system for transmitting originated information from one of a plurality of originating processors contained in an electronic mail system to at least one RF receiver with the originated information originating from one of the plurality of originating processors and being transmitted by an RF information transmission network to the at least one RF receiver and for transmitting other originated information originating from one of the originating processors with the electronic mail system without using the RF information transmission network to at least one of a plurality of destination processors comprising:

at least one interface, one of the at least one interface connecting the electronic mail system containing the plurality of originating processors to the RF information transmission network; and wherein

the originated information is transmitted in association with an address of the one interface from the one of the plurality of originating processors to the one interface with the electronic mail system responding to the address of

the one interface to direct the originated information from the one of the plurality of originating processors to the one interface;

the originated information is transmitted from the one of the at least one interface to the RF information transmission network with an address of the at least one RF receiver to receive the originated information being associated with the originated information before transmission of the originated information to the at least one RF receiver; and

said electronic mail system includes a second processor which receives the originated information from the originating processor, and causes the originated information to be transmitted to the at least one of the destination processors via the at least one interface and the RF information transmission network.

294. (new) A system in accordance with claim 293, wherein said second processor adds an address of the at least one interface.

295. (new) A system in accordance with claim 293, wherein said second processor is a gateway switch.

296. (new) A system in accordance with claim 294, wherein said second processor is a gateway switch.

297. (new) A system in accordance with claim 293, wherein:
an address of the at least one of the destination processors is added to the originated information by the second processor, said address being an

identification of the at least one RF receiver which is to receive the originated information.

298. (new) A system in accordance with claim 297, wherein said identification is an identifier number of the RF receiver.

299. (new) A system in accordance with claim 297, wherein said second processor is a gateway switch.

300. (new) A system in accordance with claim 298, wherein said processor is a gateway switch.

301. (new) A system in accordance with claim 295, wherein:
said gateway switch receives the originated information from the originating processor, and causes the originated information to be transmitted to the at least one of the destination processors via the at least one interface and the RF information transmission network.

302. (new) A system in accordance with claim 301, wherein said gateway switch adds an address of the at least one interface.

303. (new) A system for transmitting originated information from one of a plurality of originating processors contained in an electronic mail system to at least one RF receiver with the originated information originating from one of the plurality of originating processors and being transmitted by an RF

information transmission network to the at least one RF receiver and for transmitting other originated information originating from one of the originating processors with the electronic mail system without using the RF information transmission network to at least one of a plurality of destination processors comprising:

at least one interface, one of the at least one interface connecting the electronic mail system containing the plurality of originating processors to the RF information transmission network; and wherein

the originated information is transmitted in association with an address of the one interface from the one of the plurality of originating processors to the one interface with the electronic mail system responding to the address of the one interface to direct the originated information from the one of the plurality of originating processors to the one interface; and

the originated information is transmitted from the one of the at least one interface to the RF information transmission network with an address of the at least one RF receiver to receive the originated information being associated with the originated information before transmission of the originated information to the at least one RF receiver;

after reception of electronic mail including said originated information from the electronic mail system, information is deleted from the electronic mail prior to transmission by the RF information transmission network;

the information is deleted by the at least one interface; and

an address of the at least one of the destination processors is added to the originated information by the at least one interface, said address being an

identification of the at least one RF receiver which is to receive the originated information.

304. (new) A system in accordance with claim 303, wherein said identification is an identifier number of the RF receiver.

305. (new) A system in accordance with claim 300, wherein:
the at least one interface receives electronic mail including the originated information from the at least one of the originating processors, processes the electronic mail including the originated information, and supplies processed electronic mail including the originated information to said RF information transmission network for transmission to the at least one of the destination processors.

306. (new) A computer program stored on a storage medium when executed by the one gateway switch as set forth in claim 300, causes said gateway switch to perform:

the receiving of the originated information from the at least one originating processor; and

the causing of the originated information to be transmitted to the at least one of the destination processors via the at least one interface and the RF information transmission network which thereafter broadcasts the originated information to the at least one of the destination processors.

307. (new) A system in accordance with claim 293, wherein:

said electronic mail system includes the at least one originating processor which inputs electronic mail including the originated information to said electronic mail system, said second processor which receives the electronic mail including the originated information from the at least one originating processor and causes the originated information to be transmitted to the at least one RF receiver via the at least one interface, and said destination processors, each connected to a RF receiver, and each functioning as a destination of the originated information,

said at least one interface connects said second processor of the electronic mail system to said RF information transmission network and transmits the originated information included in the electronic mail from said second processor to said RF information transmission network, and

said second processor transmits said other information to a destination processor through the wireline without using the RF information transmission network.

308. (new) A system in accordance with claim 307, wherein:

after reception of said originated information, a security check is performed to determine if said originated information should be transmitted by the RF information transmission network to the at least one RF receiver.

309. (new) A system in accordance with claim 308, wherein:

said security check is performed by comparing an identification of the at least one RF receiver with identifications of permissible RF receivers in the RF information transmission network that are permitted to receive wireless

transmissions and supplying said originated information to the RF information transmission network for transmission to the at least one RF receiver if the identification of the at least one RF receiver matches one of the identifications of the permissible RF receivers.

310. (new) A system in accordance with claim 309, wherein said comparing is performed by the at least one interface.

311. (new) A system in accordance with claim 310, wherein said second processor adds an address of the at least one interface.

312. (new) A system in accordance with claim 310, wherein said second processor is a gateway switch.

313. (new) A system in accordance with claim 311, wherein said second processor is a gateway switch.

314. (new) A system in accordance with claim 307, wherein:
an address of the at least one RF receiver is added to the originated information by the second processor, said address being an identification of the at least one RF receiver which is to receive the originated information.

315. (new) A system in accordance with claim 314, wherein said identification is an identifier number of the at least one RF receiver.

316. (new) A system in accordance with claim 314, wherein said second processor is a gateway switch.

317. (new) A system in accordance with claim 315, wherein said second processor is a gateway switch.

318. (new) A system in accordance with claim 317, wherein:
said gateway switch receives the electronic mail including the originated information from the originating device, and causes at least a portion of the electronic mail including the originated information to be transmitted to the at least one RF receiver via the at least one interface and the RF information transmission network.

319. (new) A system in accordance with claim 318, wherein said gateway switch adds an address of the interface to the electronic mail.

320. (new) A system in accordance with claim 319, wherein said gateway switch optionally initiates transmission of at least a portion of the electronic mail including the originated information to the at least one RF receiver via the at least one interface and the RF information transmission network based on at least one of an address included in the electronic mail and information pre-stored in a memory of the gateway switch or initiates transmission of the electronic mail including the originated information to a destination processor through the wireline without using the RF information transmission network based on at least one of the address included in the

electronic mail and the information pre-stored in the memory of the gateway switch.

321. (new) A system in accordance with claim 317, wherein:

the at least one interface receives the electronic mail including the originated information from the at least one originating device via said gateway switch, processes the electronic mail, and supplies processed electronic mail to said RF information transmission network for transmission to the at least one RF receiver.

322. (new) A system in accordance with claim 293, wherein said

interface couples a plurality of said electronic mail systems to one another such that electronic mail transmitted from an originating device in one electronic mail system can be received by a destination processor in another of said electronic mail systems.

323. (new) A system for transmitting information from one of a

plurality of originating processors contained in an electronic mail system to at least one of a plurality of destination processors contained in an electronic mail system with the information including originated information originating from one of the plurality of originating processors and being transmitted by an RF information transmission network to at least one of the plurality of destination processors and other originated information originating from one of the originating processors is transmitted with the electronic mail system

without using the RF information transmission network to at least one of the destination processors comprising:

at least one interface, one of the at least one interface connecting the electronic mail system containing the plurality of originating processors to the RF information transmission network; and wherein

the originated information is transmitted in association with an address of the one interface from the one of the plurality of originating processors to the one interface with the electronic mail system responding to the address of the one interface to direct the originated information from the one of the plurality of originating processors to the one interface; and

the originated information is transmitted from the one of the at least one interface to the RF information transmission network with an address of the at least one of the plurality of destination processors to receive the originated information being added at the originating processor originating the originated information, or by either the electronic mail system that contains the plurality of originating processors or the one interface;

wherein the RF information network comprises:

at least one RF receiver, each RF receiver transferring the originated information to a different one of the plurality of destination processors;

wherein:

the transfer of the originated information from each RF receiver to the different one of the plurality of destination processors occurs under control of a program stored by one of the plurality of destination processors of the electronic mail system and makes the originated information accessible to

application programs stored within the one of the plurality of destination processors of the electronic mail system;

said electronic mail system is coupled to a second processor which receives originated information from an originating processor included in said electronic mail system, and causes the originated information received from said originating processor to be transmitted to the destination processor via the one interface switch and the RF information transmission network; and

an address of the at least one destination processor is added to the originated information by the second processor, said address being an identification of the at least one RF receiver which is to receive the originated information.

324. (new) A system in accordance with claim 323, wherein said identification is an identifier number of the RF receiver.

325. (new) A system in accordance with claim 323, wherein said processor is a gateway switch which is included in said electronic mail system.

326. (new) A system in accordance with claim 324, wherein said processor is a gateway switch which is included in said electronic mail system.